

WHAT IS CLAIMED IS:

1. A device for manually manufacturing ice cream comprising
a machine table with a rotary bush at one end; a bearing and a
driving shaft protruding from the rotary bush; an outer end of the
driving shaft out of the rotary bush being installed with a rotary handle;
5 another end of the machine table being installed with a shaft seat; a
detachable rotary cylinder being installed between the driving shaft and
the shaft seat; a metal rolling cylinder being installed within the rotary
cylinder;

10 the rotary cylinder comprising:

a polygonal outer cylinder; one end of the polygonal outer
cylinder having a connecting groove capable of being inserted by
the driving shaft of the machine table so that the outer cylinder
rotates with the driving shaft; another end of the polygonal outer
15 cylinder being installed with a buckle for pivotally connecting to
the cylinder cover;

a polygonal inner cylinder within the outer cylinder; an inner
wall of the inner cylinder also has a polygonal shape; ice blocks
being filled into the polygonal inner cylinder;

20 a temperature isolating layer installed between and firmly
secured to the outer cylinder and the inner cylinder;

a metal rolling cylinder within the polygonal inner cylinder
and surrounded by the ice blocks; the metal rolling cylinder being
made of heat conductive metal;

25 a telescopic tuber sealing cover being used to seal an opening

of the metal rolling cylinder; liquid to be made as ice cream is filled within the metal rolling cylinder; and

a cylinder cover; one end of the cylinder cover having a hook for buckling with the buckle of the outer cylinder; thereby the cylinder cover tightly sealing the inner cylinder; an outer center of the cover being formed with a supporting shaft; a bearing being engaged to the supporting shaft; the supporting shaft with the bearing being embedded to the shaft seat of the machine table; thereby, the rotary cylinder rotating in equilibrium;

wherein by rotating the handle manually, the rotary cylinder rotates, and thus, the polygonal inner cylinder, outer cylinder and metal rolling cylinder will rotate, the heat of the liquid in the metal rolling cylinder will be transferred to the ice block so as to form ice cream.